

## INDEX

|  |         |
|--|---------|
| ACERBI F., G. MORCHIO and F. STROCCHI: Nonregular representations of CCR algebras and algebraic Fermion bosonization                     | 7–19    |
| ALICKI R., S. RUDNICKI and S. SADOWSKI: Limit theorems for dilute quantum systems leading to quantum Poisson processes                   | 331–339 |
| ANTONELLI P. L. and T. J. ZASTAWNIAK: Diffusions on Finsler manifolds  | 303–315 |
| BARCHIELLI A.: On the quantum theory of measurements continuous in time  | 21–34   |
| BELTRAMETTI E. G. and M. J. MĄCZYŃSKI: On some probabilistic inequalities related to the Bell inequality                                 | 123–129 |
| BORLAND L. and H. HAKEN: On the constraints necessary for macroscopic prediction of time-dependent stochastic processes                  | 35–42   |
| CHICCOLI C., S. LORENZUTTA, G. MAINO, G. DATTOLI and A. TORRE: Generalized Bessel functions: a group theoretic view                      | 241–252 |
| DATTOLI G., <i>see</i> CHICCOLI C., S. LORENZUTTA, G. MAINO and A. TORRE   |         |
| EPSTEIN M., <i>see</i> DE LEÓN M.  |         |
| FRANK K.: On the geometry of normal state trajectories generated by dynamical semigroups   | 43–56   |
| GARECKI J.: Energy and superenergy of a closed universe  | 57–70   |
| GLAZKOV D. YU.: Differential geometric connection of finite order on composite manifold and nonlinear product integral                   | 375–396 |
| HAKEN H., <i>see</i> BORLAND L.  |         |
| HAŃCOWIAK J.: The constraint analysis of coupled equations for $n$ -point functions  | 71–75   |
| HANNIBAL L.: Representations of the full Lorentz group in quantum field theory   | 77–85   |
| HASEGAWA H.: $\alpha$ -divergence of the non-commutative information geometry  | 87–93   |
| HOLEVO A. S.: On conservativity of covariant dynamical semigroups  | 95–110  |
| JAKÓBCZYK L.: Bisognano–Wichmann duality in Euclidean field theory   | 413–418 |
| KONDRA'TEV YU. G. and L. STREIT: Spaces of white noise distributions: constructions, descriptions, applications. I                       | 341–366 |
| KUNA M. and W. A. MAJEWSKI: On quantum chaos and quantum characteristic exponents  | 111–115 |
| LASCHECK A., P. LEUKERT, L. STREIT and W. WESTERKAMP: Quantum mechanical propagators in terms of Hida distributions                      | 221–232 |
| DE LEÓN M. and M. EPSTEIN: On the integrability of second-order $G$ -structures with applications to continuous theories of dislocations | 419–436 |
| LEUKERT P., <i>see</i> LASCHECK A., L. STREIT and W. WESTERKAMP  |         |
| LORENZUTTA S., <i>see</i> CHICCOLI C., G. MAINO, G. DATTOLI and A. TORRE   |         |
| LOUMI H. and M. TAHIRI: Quantized Yang–Mills theory in the superfibre bundle approach  | 367–373 |
| MĄCZYŃSKI M. J., <i>see</i> BELTRAMETTI E. G.  |         |
| MAINO G., <i>see</i> CHICCOLI C., S. LORENZUTTA, G. DATTOLI and A. TORRE   |         |
| MAJEWSKI W. A., <i>see</i> KUNA M.   |         |
| MARCINEK W.: On braid statistics and noncommutative calculus   | 117–124 |
| MIKHAILETS V. A.: Point interactions on the line   | 131–135 |
| MITYUSHEV V. V.: A method of functional equations for boundary value problems of continuous media  | 137–147 |
| MORCHIO G., <i>see</i> ACERBI F. and F. STROCCHI   |         |
| MRUGAŁA R.: Continuous contact transformations in thermodynamics   | 149–154 |
| MULAK W.: Quantum $SU(1, 1)$ -harmonic oscillator  | 155–161 |

- OLKIEWICZ R.: Berry phase from symmetry groups 325–329
- PELSTER A., A. WUNDERLIN and K. ZEILE: Space and time transformations in classical mechanics and in quantum mechanics 163–173
- RUDNICKI S., *see* ALICKI R. and S. SADOWSKI
- SADOWSKI S., *see* ALICKI R. and S. RUDNICKI
- SCHÖBEL C.: A classification of real finite-dimensional Lie algebras with a low-dimensional derived algebra 175–186
- SCHWARZ G.: The existence of a symmetric stress tensor in a non-local description of continuum mechanics 397–412
- SEREDYŃSKA M.: On Lie–Poisson systems 187–189
- ŚLAWIANOWSKI J. J.: Elimination of scale from the theory of mutually interacting gravitational and spinor fields 191–202
- STREATER R. F.: Statistical dynamics 203–219
- STREIT L., *see* LASCHECK A., P. LEUKERT and W. WESTERKAMP
- STREIT L., *see* KONDRATEV YU. G.
- STROCCHI F., *see* ACERBI F. and G. MORCHIO
- TAHIRI M., *see* LOUMI H.
- TAMÁSSY L.: Area and curvature in Finsler spaces 233–239
- TORRE A., *see* CHICCOLI C., S. LORENZUTTA, G. MAINO and G. DATTOLI
- UHLMANN A.: Density operators as an arena for differential geometry 253–263
- VERBEURE A. and V. A. ZAGREBNOV: Quantum critical fluctuations in an anharmonic crystal model 265–272
- WEHRL A.: From formal logic to statistical mechanics 273–281
- WESTERKAMP W., *see* LASCHECK A., P. LEUKERT and L. STREIT
- WOJNAR R.: Homogenization in viscoelasticity and thermal effects 283–294
- WUNDERLIN A., *see* PELSTER A. and K. ZEILE
- ZAGREBNOV V. A., *see* VERBEURE A.
- ZARTL A.: A nonstandard solution of the Kortweg–de Vries equation 295–302
- ZASTAWNIAK T. J., *see* ANTONELLI P. L.
- ZEILE K., *see* PELSTER A. and A. WUNDERLIN
- ZWEIFEL P. F.: The Poisson–Wigner system: a quantum transport equation 317–323

